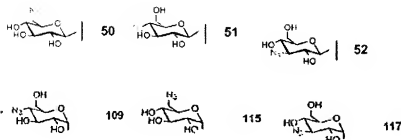


# **CLAIMS**

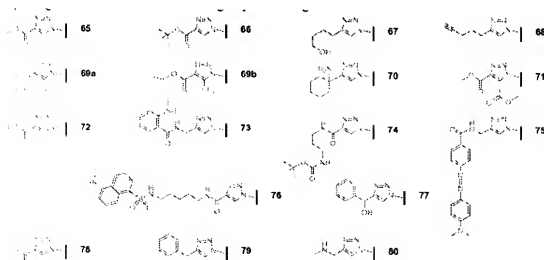
This listing of claims will replace all prior versions and listings of claims in the application:

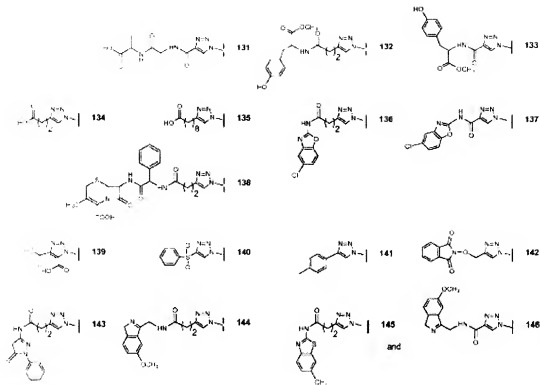
1.-26. (Cancelled)

27. (Currently amended) A method of producing a chemoselectively ligated vancomycin analog comprising incubating at least one glycosylated vancomycin comprising a glycosyl moiety selected from the group consisting of:



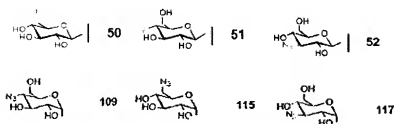
with a chemoselectively ligatable agent comprising an alkyne moiety, wherein the glycosyl moiety and chemoselectively ligatable agent react to provide a chemoselectively ligated vancomycin analog having a structure selected from the group consisting of:





wherein at least one chemoselectively ligated vancomycin analog is produced.

28. (Previously Presented) A method according to claim 27, further, wherein the glycosylated vancomycin is initially produced by incubating vancomycin and at least one thymidine or uridine nucleotide diphosphosugar comprising a sugar structure selected from the group consisting of:



in the presence of at least one first glycosyltransferase wherein the at least glycosylated vancomycin is produced.

29.-43. (Cancelled)